

**REMARKS****1. Preliminary Remarks****a. Status of the Claims**

Claims 21, 22, 33, 34, 45, and 46 are allowed. Claims 21 and 22 are amended. Applicant hereby requests entry of the amendments and remarks made herein into the file history of the application.

**b. Amendments to the Claims**

Claims 21 and 22 are each amended to include a DNA encoding the sequences of the respective SEQ ID NO recited in these claims. Support for the amendments is found in the specification as originally filed at paragraphs 0012, 0023 and 0034. In view these amendments finding written description support in the specification as originally filed, Applicant hereby submits that the amendments do not add new matter.

**2. Conclusion**

Applicant respectfully submits that the instant application remains in good and proper order for allowance. If, in the opinion of the Examiner, a telephone conference would expedite the granting of the instant application, the Examiner is encouraged to call the undersigned at the number listed below.

Respectfully submitted,

POLSINELLI SHUGHART PC

Dated: July 29, 2009

On behalf of: Teddy C. Scott, Jr., Ph.D.  
Registration No. 53,573

By: /Ron Galant/  
Ron Galant, Ph.D.  
Registration No. 60,558  
Customer No. 37808

POLSINELLI SHUGHART PC  
180 N. Stetson Ave., Suite 4525  
Chicago, IL 60601  
312.819.1900 (main)  
312.873.2913 (E-fax)  
312.873.3613 (direct)